

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	US-3673327-\$.DID. OR US-4644100-\$.DID. OR US-6091406-\$.DID.	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S2	2	09/972788	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S3	2335	(345/173).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/15 08:17
S4	201	(345/177).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/15 13:59
S5	657	(178/18.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/15 08:17
S6	371	(178/18.03).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/15 08:17
S7	197	(178/18.04).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/15 08:17
S8	8766	acoustic and touch and (sens\$4 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S9	168109	transducer	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S10	55772	grating	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S11	285	S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S12	1	("5177327").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/15 08:17
S13	4209	touchscreen	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S14	22	S8 and S9 and S10 and S13	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S15	5224	touchscreen (touch adj display)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S16	31	S8 and S9 and S10 and S15	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S17	9720	acoustic\$4 and touch and (sens\$4 detect\$3)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S18	780625	substrate	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S19	31	S9 and S10 and S15 and S17	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S20	29	S9 and S10 and S15 and S17 and S18	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S21	14264	transducer near (piezoelectric piezoelectric piezo-electric peizo-electric)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17

S22	26146	transducer same (piezoelectric peizoelectric piezo-electric peizo-electric)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S23	28	S10 and S15 and S17 and S18 and S22	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S24	26	S10 and S15 and S17 and S18 and S22 and (grating same transducer same substrate)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S25	26	S10 and S15 and S17 and S18 and S22 and (grating same transducer same substrate) and coupl\$5	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S26	23	S10 and S15 and S17 and S18 and S22 and (grating same transducer same substrate same coupl\$5)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S27	504	acoustic same (transducer and substrate and grating)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S28	26	S15 and S27	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S29	26	S22 and S28	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S30	265	acoustic same (transducer same substrate same grating)	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S31	25	S15 and S30	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S32	25	S22 and S31	US-PGPUB; USPAT	OR	ON	2005/09/15 08:17
S33	6	345/177.ccls. and liang	US-PGPUB; USPAT	OR	ON	2005/09/15 10:41
S34	1082	310/313R.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/15 10:42
S35	130	S34 and transducer and grating and substrate	US-PGPUB; USPAT	OR	ON	2005/09/15 10:58
S36	130	S34 and transducer and grating and substrate and between	US-PGPUB; USPAT	OR	ON	2005/09/15 10:59
S37	40	S34 and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:18
S38	40	S34 and (transducer same grating same substrate same (between "on top"))	US-PGPUB; USPAT	OR	ON	2005/09/15 11:17
S39	1531	310/313A,313B,313C,313D.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/15 14:35
S40	30	S34 and S39 and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:18
S41	1149	S34 S39 and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:18

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S42	97	S39 and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:19
S43	107	(S34 S39) and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:35
S44	41	(S34 S39) and ((transducer near4 substrate) same grating same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:24
S45	4	(S34 S39) and ((transducer near4 substrate) near grating near between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:34
S46	3835	345/173-183.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/15 11:34
S47	4	(S34 S39 S46) and ((transducer near4 substrate) near grating near between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:34
S48	116	(S34 S39 S46) and (transducer same grating same substrate same between)	US-PGPUB; USPAT	OR	ON	2005/09/15 11:35
S49	1228	S39 and filter	US-PGPUB; USPAT	OR	ON	2005/09/15 14:36
S50	1081	S39 and (filter grating) and transducer and substrate	US-PGPUB; USPAT	OR	ON	2005/09/15 14:36
S51	1055	S50 and acoustic\$4	US-PGPUB; USPAT	OR	ON	2005/09/15 14:37
S52	2	((touch adj (sens\$4 detect\$3 display)) and (acoustic\$4 adj (substrate transducer)) and (acoustic\$4 adj2 (grating filter))). clm.	US-PGPUB; USPAT	OR	ON	2005/09/20 11:25
S53	1405	(310/322,334).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/20 11:29
S54	319	S53 and substrate	US-PGPUB; USPAT	OR	ON	2005/09/20 13:55
S55	1	(acoustic adj transducer) and (acoustic adj substrate) and (diffractive adj grating)	US-PGPUB; USPAT	OR	ON	2005/09/20 13:57
S56	4	(acoustic adj transducer) and (acoustic adj substrate) and (grating)	US-PGPUB; USPAT	OR	ON	2005/09/20 13:57
S57	1405	(310/322,334).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/20 14:49
S58	880	S57 and acoustic	US-PGPUB; USPAT	OR	ON	2005/09/20 14:50
S59	286	S58 and substrate	US-PGPUB; USPAT	OR	ON	2005/09/20 14:50

S60	240	S59 and transducer	US-PGPUB; USPAT	OR	ON	2005/09/20 14:54
S61	32	S60 and grating	US-PGPUB; USPAT	OR	ON	2005/09/20 14:54